



# FortiClient EMS - Release Notes

Version 6.0.3

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# Change Log

Date	Change Description
2018-10-18	Initial release.
2018-10-19	Added 519381 to <a href="#">Known Issues on page 11</a> .
2018-10-24	Added 519568 to <a href="#">Known Issues on page 11</a> .

# Introduction

FortiClient Enterprise Management Server (EMS) is a system intended to be used to manage installations of FortiClient. It uses the same Endpoint Control protocol introduced in FortiOS 5.0 and enhanced in FortiOS 5.2. Like FortiOS, EMS supports all FortiClient platforms: Microsoft Windows, macOS, Linux, Android OS, and Apple iOS. FortiClient EMS does not require a Fortinet device. It runs on a Microsoft Windows server. End users with FortiClient installations can use a FortiGate or EMS to manage their installations.

This document provides the following information for FortiClient EMS 6.0.3 build 0134:

- Introduction
  - [Supported platforms on page 5](#)
    - [System requirements on page 5](#)
    - [Endpoint requirements on page 6](#)
    - [Supported web browsers on page 6](#)
  - [Licensing and installation on page 6](#)
- [What's New on page 7](#)
- [Upgrading on page 8](#)
- [Resolved Issues on page 9](#)
- [Known Issues on page 11](#)

For information about FortiClient EMS, see the *FortiClient EMS 6.0.3 Administration Guide*.

## Supported platforms

The EMS server can be installed on the following platforms:

- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016

## System requirements

The minimum system requirements are as follows.

- 2.0 GHz 64-bit processor, dual core (or two virtual CPUs)
- 4 GB RAM (8 GB RAM or more is recommended)
- 40 GB free hard disk
- Gigabit (10/100/1000baseT) Ethernet adapter
- Internet access

Internet access is required during installation. This becomes optional once installation is complete. FortiClient EMS accesses the Internet to obtain information about FortiGuard engine and signature updates.



You should only install FortiClient EMS and the default services for the operating system on the server. You should not install additional services on the same server as FortiClient EMS.

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## Endpoint requirements

The following FortiClient platforms are supported:

- FortiClient for Microsoft Windows
- FortiClient for macOS
- FortiClient for Linux
- FortiClient for Android OS
- FortiClient for iOS

The FortiClient version should be 5.4.0 or newer.

FortiClient is supported on multiple Microsoft Windows, macOS, and Linux platforms. EMS supports all such platforms as endpoints.

## Supported web browsers

The latest version of the following web browsers can be used to connect remotely to the FortiClient EMS 6.0.3 GUI:

- Mozilla Firefox
- Google Chrome
- Microsoft Edge

Internet Explorer is not recommended. Remote access may need to be enabled from the FortiClient EMS GUI.

## Licensing and installation

For information on licensing and installing FortiClient EMS, see the *FortiClient EMS Administration Guide*.

# What's New

The core features of FortiClient EMS 6.0.3 include the following:

## Basic USB device control

You can use the USB device control feature to restrict access to USB ports on endpoints.

# Upgrading

## Upgrading from previous EMS versions

FortiClient EMS 6.0.3 supports upgrading from the following EMS versions:

- 6.0.0 and later
- 1.2.4 and later

## Downgrading to previous versions

Downgrading FortiClient EMS 6.0.3 to previous EMS versions is not supported.



# Resolved Issues

The following issues have been fixed in version 6.0.3. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

## Endpoint profiles

Bug ID	Description
492161	New option: <i>Allow websites when rating error occurs</i> .
508648	EMS profile sync with FortiGate reverts settings not included in FortiGate profile to default.
509793	Unable to remove Sandbox entry from profile.
511164	Client Web Filtering When On-Net enabled by default in EMS when importing profiles from FortiGate.
518596	Unable to configure or push the EMS XML configuration for FortiManager <fail_over_servers> under <update> settings.

## Install and upgrade

Bug ID	Description
507696	EMS installation fails with existing SQL database.

## FortiClient deployment

Bug ID	Description
505294	Installer is not assigned to some endpoints. OS is unknown.

## Google domains

Bug ID	Description
510733	The Chromebook daemon in EMS 6.0.1 accepts medium ciphers for TLS.
516396	Chromebook users unable to access the Internet - Out of Licenses message.

## Other

Bug ID	Description
508673	EMS does not update <i>Most Recent Completed Scan</i> .
510237	If <i>Disable FortiGate Switch</i> is enabled, EMS enables <i>Disable Unregister</i> when you hit <i>Save</i> .
510557	FortiGate unable to connect to EMS using REST API.
512980	Upgrading to EMS 6.0.2 causes the onnet subnet configuration to get lost.
513029	Vulnerability statistics on EMS 6.0.2 are inconsistent.
518736	Get empty content page.

# Known Issues

The following issues have been identified in version 6.0.3. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

## Endpoints (AD domains, workgroups)

Bug ID	Description
506548	Vulnerability Scan results do not display on EMS.
510491	Should open endpoint details when clicking on a hostname.

## Endpoint profiles

Bug ID	Description
487488	Provide a message when profile cannot be opened due to missed signatures.
505267	FortiGate import failed due to missing Application Firewall IDs on EMS.
510932	Profile deployment issue (endpoint profile with about 100 VPN tunnels).
515506	Web Filter profile imported from FortiManager by default is invisible.
516143	Error displays when EMS tries to sync with FortiSandbox 2.3.3.
516628	Profile changes on the FortiGate causing continuous profile update messages on FortiClient.
519058	EMS server failed to update settings for Safe Search and YouTube education filter.
519257	SQL error when adding URL longer than 255 characters to Web Filter exclusion list.

## Install and upgrade

Bug ID	Description
517306	Uninstallation did not work on new registration.
518260	Unable to deploy-uninstall FortiClient 6.0.3 build 0152 from EMS with password lock enabled.
519568	Upgrading EMS from 6.0.2 to 6.0.3 causes the IPsec VPN preshared key to be lost in the profile. Workaround: Manually edit the endpoint profile on the EMS GUI to add the missing preshared key back.

## LDAP domains

Bug ID	Description
513746	Unable to delete domains.
514052	Newly added device in AD appears in <i>All Endpoints</i> , but not in the actual OU.

## Quarantine management

Bug ID	Description
511204	Unable to delete quarantined file from EMS console.

## Other

Bug ID	Description
482404	Clearing logs via GUI is incomplete.
413419	FortiClient and EMS server should prevent installation and upgrade to unsupported OS versions.
414539	EMS should get renewal licenses information from FDS.
493010	EMS server setting by default chooses port 10443 and is not changeable, which makes the REST API command from FortiGate fail.

Bug ID	Description
502049	Summary LDAP query returned an error (code referral).
515911	<i>Software Inventory &gt; Applications</i> section incorrectly shows Cyrillic characters.
516596	Feature visibility is not correct from imported profile.
519381	Widget central number links to an empty or wrong list.



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